UNIVERSITY OF HAWAII
LIBRARY

Journal of Human Evolution

edited by A. B. Chiarelli

editorial Board for the triennium 1974–1976

B. G. Campbell
M. H. Day
R. B. Eckhardt
A. Falek
F. G. P. Fedele
A. K. Ghosh
M. Goodman
D. R. Hughes
J. Huizinga
J. Itani
R. L. Kirk
G. H. R. von Koenigswald
G. Kurth
H. De Lumley
G. Matsuda
R. Parenti
D. F. Roberts
J. Ruffie
D. M. Rumbaugh
F. M. Salzano
A. G. Thorne
P. V. Tobias
C. Vogel
S. L. Washburn
M. H. Wolpoff
V. P. Yakimov

Volume 5 1976

PERIODICAL
GN281
J63
V.5
U.H. LIBRARY

Academic Press
London New York San Francisco
A Subsidiary of Harcourt Brace
Jovanovich, Publishers

Copyright © 1976 by Academic Press Inc. (London) Ltd.

ALL RIGHTS RESERVED

No part of this volume may be reproduced in any form, by photostat, microfilm, or any other means, without written permission from the publishers.

PRINTED IN NORTHERN IRELAND AT THE UNIVERSITIES PRESS (BELFAST) LTD.

Number 1
January 1976

Contents of Volume 5

	Foreword	i
	Preface	iii
Ward, R. H. & Weiss, K. M.	The demographic evolution of human populations	1
Howell, N.	Toward a uniformitarian theory of human paleodemography	25
Henneberg, M.	Reproductive possibilities and estimations of the biological dynamics of earlier human populations	41
Wobst, H. M.	Locational relationships in Paleolithic society	49
Weiss, K. M. & Smouse, P. E.	The demographic stability of small human populations	59
Swedlund, A., Temkin, H. & Meindl, R.	Population studies in the Connecticut Valley: Prospectus	75
Skolnick, M., Cavalli-Sforza, L. L., Moroni, A. & Siri, E.	A preliminary analysis of the genealogy of Parma Valley, Italy	95
Roberts, D. F. & Mohan, M.	History, demography and genetics: the Fiji experience and its evolutionary implications	117
Jorde, L. B. & Harpending, H. C.	Cross-spectral analysis of rainfall and human birth rate: an empirical test of a linear model	129
Jacquard, A. & Ward, R. H.	The genetic consequences of changing reproductive behaviour	139

Number 2
March 1976

Guinsburg Saldanha, S. & Saldanha, P. H.	Blood group typing among Brazilian Brown-howlers (*Alouatta fusca*)	155
Dunbar, R. I. M.	Australopithecine diet based on a baboon analogy	161
Cutler, R. G.	Evolution of longevity in primates	169

Trinkaus, E. — Note on the hominid molar from the Abri des Merveilles at Castel-Merle (Dordogne) 2

Lestrel, P. E. — Hominid brain size *versus* time: revised regression estimates . 2

Ardito, G. — Check-list of the data on the gestation length of primates . 2

Morbeck, M. E. — Problems in reconstruction of fossil anatomy and locomotor behaviour: the *Dryopithecus* elbow complex 2

Book review 2

Books received 2

Number 3
May 1976

Conchon, O. — The human settlement of Corsica: Palaeogeographic and tectonic considerations 2

Sugiyama, Y. — Characteristics of the ecology of the Himalayan langurs. . 2

O'Connor, B. L. — *Dryopithecus* (*Proconsul*) *africanus:* quadruped or non-quadruped? 2

Burr, D. B. — Neandertal vocal tract reconstructions: a critical appraisal . 2

Finkel, D. J. — Wormian bone formation in the skeletal population from Lachish 2

Freedman, L. — South African fossil Cercopithecoidea: A re-assessment including a description of new material from Makapansgat, Sterkfontein and Taung 2

Number 4
July 1976

Jungers, W. L. & Rumpler, Y. — Craniometric corroboration of the specific status of *Lepilemur septentrionalis*, an endemic lemur from the north of Madagascar 3

King, G. E. — Society and territory in human evolution 3

Pasztor, L. M. & Van Horn, R. N. — Twinning in prosimians 3

Wolpoff, M. H. — Multivariate discrimination, tooth measurements and early hominid taxonomy 339

Brewster, J. M. & Siegel, R. K. — Reinforced drawing in *Macaca mulatta* 345

Wind, J. — Human drowning; phylogenetic origin 349

Stevenson, M. F. — Birth and perinatal behaviour in family groups of the common marmoset (*Callithrix jacchus jacchus*), compared to other primates 365

Letter to the Editor 383

Obituaries 384

Book news 385

Selected journal contents 399

Books received 401

Number 5
September 1976

Preface i

Tobias, P. V. — The life and times of Ralph von Koenigswald: Palaeontologist extraordinary 403

Alexeyev, V. P. — Position of the Staroselye find in the hominid system . . 413

Bilsborough, A. — Patterns of evolution in Middle Pleistocene hominids . . 423

Campbell, B. G. & Bernor, R. L. — The origin of the Hominidae: Africa or Asia? . . . 441

Day, M. H. & Molleson, T. I. — The puzzle from JK2—A femur and a tibial fragment (O.H. 34) from Olduvai Gorge, Tanzania 455

Eckhardt, R. B. — Observed and expected variation in hominid evolution . . 467

Howells, W. W. — Explaining modern man: evolutionists *versus* migrationists . 477

Jelinek, J. — A contribution to the origin of *Homo sapiens sapiens* . . 497

Kurth, G. — Neencephalization, hominization and behaviour . . . 501

Simons, E. L. — The nature of the transition in the dental mechanism from pongids to hominids 511

Number 6
November 1976

Olivier, G.	The stature of Australopithecines	529
Delibrias, G., Ortlieb, L. & Petit-Maire, N.	New ^{14}C data for the Atlantic Sahara (Holocene): tentative interpretations	535
Thompson, P. R.	A behaviour model for *Australopithecus africanus*	547
Teleki, G., Hunt, E. E. Jr. & Pfifferling, J. H.	Demographic observations (1963–1973) on the chimpanzees of Gombe National Park, Tanzania	559
Ehrlich, A., Fobes, J. L. & King, J. E.	Prosimian learning capacities	599
	Letters to the Editor	619

Author Index

Alexeyev, V. P. 413

Ardito, G. 213

Bernor, R. L., with Campbell, B. G. 441

Bilsborough, A. 423

Brewster, J. M., with Siegel, R. K. 345

Burr, D. B. 285

Campbell, B. G., with Bernor, R. L. 441

Cavalli-Sforza, L. L., with Skolnick, M., Moroni, A. & Siri, E. 95

Conchon, O. 241

Cosseddu, G. G., with Maxia, C., Floris, G. & Vona, G. 621

Cutler, R. G. 169

Day, M. H., with Molleson, T. I. 455

Delibrias, G., with Ortlieb, L. & Petit-Maire, N. 535

Dunbar, R. I. M. 161

Eckhardt, R. B. 467

Ehrlich, A., with Fobes, J. L. & King, J. E. 599

Finkel, D. J. 291

Floris, G., with Maxia, C., Cosseddu, G. G. & Vona, G. 621

Fobes, J. L., with Ehrlich, A. & King, J. E. 599

Freedman, L. 297

Guinsburg Saldanha, S., with Saldanha, P. H. 155

Harpending, H. C., with Jorde, L. B. 129

Henneberg, N. 41

Howell, N. 25

Howells, W. W. 477

Hunt, E. E. Jr., with Teleki, G. & Pfifferling, J. H. 559

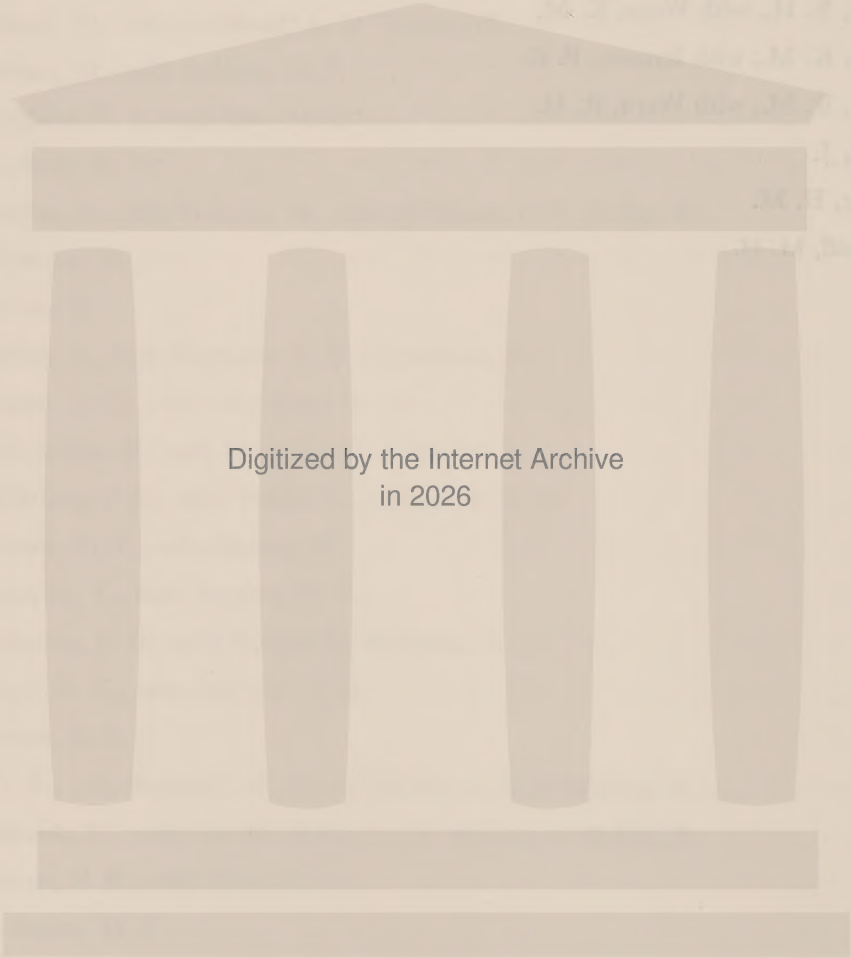
Jacquard, A., with Ward, R. H. 139

Jelinek, J. 497

Jorde, L. B., with Harpending, H. C. 129

Jungers, W. L., with Rumpler, Y. 317
King, G. E. 323
King, J. E., with Ehrlich, A. & Fobes, J. L. 599
Kurth, G. 501
Legeube, A. 619
Lestrel, P. E. 207
Maxia, C., with Cosseddu, G. G., Floris, G. & Vona, G. 621
Meindl, R., with Swedlund, A. & Temkin, H. 75
Mohan, M., with Roberts, D. F. 117
Molleson, T. I., with Day, M. H. 455
Morbeck, M. E. 223
Moroni, A., with Skolnick, M., Cavalli-Sforza, L. L. & Siri, E. 95
O'Connor, B. L. 279
Olivier, G. 529
Ortlieb, L., with Delibrias, G. & Petit-Maire, N. 535
Pasztor, L. M., with Van Horn, R. N. 333
Petit-Maire, N., with Delibrias, G. & Ortlieb, L. 535
Pfifferling, J. H., with Teleki, G. & Hunt, E. E. Jr. 559
Roberts, D. F., with Mohan, M. 117
Rumpler, Y., with Jungers, W. L. 317
Saldanha, P. H., with Guinsburg Saldanha, S. 155
Siegel, R. K., with Brewster, J. M. 345
Simons, E. L. 511
Siri, E., with Skolnick, M., Cavalli-Sforza, L. L. & Moroni, A. 95
Skolnick, M., with Cavalli-Sforza, L. L., Moroni, A. & Siri, E. 95
Smouse, P. E., with Weiss, K. M. 59
Stevenson, M. F. 365
Sugiyama, Y. 249
Swedlund, A. ,with Temkin, H. & Meindl, R. 75
Teleki, G., with Hunt, E. E. Jr. & Pfifferling, J. H. 559
Temkin, H., with Swedlund, A. & Meindl, R. 75
Thompson, P. R. 547

Tobias, P. V. 403
Trinkaus, E. 203
Van Horn, R. N., with Pasztor, L. M. 333
Velo, J. 383
Vona, G., with Maxia, C., Cosseddu, G. G. & Floris, G. 621
Ward, R. H., with Jacquard, A. 139
Ward, R. H., with Weiss, K. M. 1
Weiss, K. M., with Smouse, P. E. 59
Weiss, K. M., with Ward, R. H. 1
Wind, J. 349
Wobst, H. M. 49
Wolpoff, M. H. 339



Digitized by the Internet Archive
in 2026

https://archive.org/details/journal-of-human-evolution_1976_5_index-contents